

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph on page 21, lines 2-15, with the following paragraph, marked-up to show changes made.

Cisplatin (CDDP; cis-platinum (II)-diammine dichloride, Sigma) at a final concentration of 3 µg/mL was added to cells with high expression of the TRX gene, which were established by introducing the wild type (WT)TRX, C32S/C35S derivative (CS)TRX or C35S derivative-TRX gene into the human T cell line, Jurkat. Annexin V-FITC and propidium iodide(Medical & Biological Laboratories CO., LTD) were bound to the cells after culturing for 24 hours, and the numbers of double-positive cells which exhibited the apoptosis were analyzed by the flow cytometer. As a result, it was identified that the number of the dead cells which were double-positive for Annexin V-FITC and propidium iodide in the cell line which expressed the C35S-TRX at a high level was increased by about 4 times compared to the cell line which expressed the WT-TRX or the ~~CA-TRX~~(CS)TRX.